



6-30-04

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PTO/SB/21 (08-03)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>Application Number</b>	10/677,139	
	<b>Filing Date</b>	September 30, 2003
	<b>First Named Inventor</b>	Eran Steinberg
	<b>Art Unit</b>	2621
	<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	2100874-991320	
<b>Total Number of Pages in This Submission</b>	9	

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Return-Receipt Postcard; Preliminary Amendment; Copy of 1 reference
<b>Remarks</b> The Commissioner is authorized to charge any deficiencies in fees and credit any overpayment of fees to Deposit Account No. 07-1896. A duplicate page is enclosed. Customer No. 29585		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

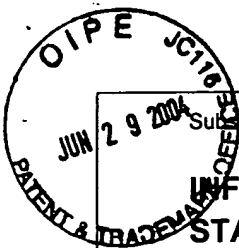
<b>Firm or Individual name</b>	Andrew V. Smith, Reg. No. 43,132 Gray Cary Ware & Freidenrich, LLP 153 Townsend Street, Suite 800, San Francisco, CA 94107-1907
<b>Signature</b>	<i>[Signature]</i>
<b>Date</b>	6-24-04

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
<b>Typed or printed name</b>	Gerry Ubau		
<b>Signature</b>	<i>[Signature]</i>	<b>Date</b>	6-24-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

## Complete if Known

Application Number	10/677,139
Filing Date	September 30, 2003
First Named Inventor	Eran Steinberg
Art Unit	2621
Examiner Name	
Attorney Docket Number	2100874-991320

Sheet 1

of 2

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of record the references listed on the accompanying Form SB/08a for consideration by the Examiner in connection with the examination of the above-identified patent application.

### This Information Disclosure Statement:

- (a) ☐ accompanies a new patent application submitted herewith.
- (b) ☒ is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; **OR**
- (c) ☐ is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below **OR**
- (d) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(l)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

As required under § 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:

- (e) ☐ Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- (f) ☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.


It is respectfully requested that each of the references shown on the attached PTO/SB/08a be made of record in this application. A copy of the reference is enclosed.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/677,139
				Filing Date	September 30, 2003
				First Named Inventor	Eran Steinberg
				Art Unit	2621
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	2100874-991320


Each item of information listed in the attached FORM PTO/SB/08a may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this submission as a conditional petition for acceptance of the information disclosure statement.

The Commissioner is authorized to charge any deficiencies and credit any overpayment of fees to our Deposit Account No. <u>07-1896</u>	
Date: <u>6-24-04</u>	Respectfully submitted,  GRAY CARY WARE & FREIDENRICH LLP  By: <u>Andrew V. Smith</u> Reg. No. 43,132 Attorneys for Applicant(s) 153 Townsend Street, Suite 800 San Francisco, CA 94107-1907 Tel. 415-836-2522 Fax. 415-836-2501

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	29585 <i>(Insert Customer No. or Attach bar code label here)</i>
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<b><u>Certificate of Mailing</u></b> <i>I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</i>	
<u>6-24-04</u> Date	 Gerry Ubau





#### CERTIFICATE OF MAILING

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Gerry Ubau

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/677,139 Confirmation No. 3919  
Applicant : Eran Steinberg  
Filed : September 30, 2003  
TC/A.U. : 2621  
Examiner :  
  
Docket No. : 2100874-991320  
Customer No. : 29585

Title: AUTOMATED STATISTICAL SELF-CALIBRATING DETECTION  
AND REMOVAL OF BLEMISHES IN DIGITAL IMAGES  
DEPENDENT UPON CHANGERS IN EXTRACTED PARAMETER  
VALUES

Mail Stop NON-FEE AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

#### PRELIMINARY AMENDMENT

Sir:

Prior to examination, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.

**Amendments to the Specification:**

Please replace the "CROSS-REFERENCE TO RELATED APPLICATIONS" paragraph, on page 3 of the Specification as follows:

**CROSS-REFERENCE TO RELATED APPLICATIONS**

This application is related to a family of patent applications filed on the same day by the same inventors including those entitled: (1) Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Based On Multiple Occurrences Of Dust In Images, filed September 30, 2003, application serial number 10/676,823; (2) Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Based on a Dust Map Developed From Actual Image Data, filed September 30, 2003, application serial number 10/677,134; (3) Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Dependent Upon Changes in Extracted Parameter Values, filed September 30, 2003, application serial number 10/677,139; (4) Automated Statistical Self-Calibrating Detection and Removal of Blemishes in Digital Images Based on Determining Probabilities Based On Image Analysis Of Single Images, filed September 30, 2003, application serial number 10/677,140; (5) Determination Of Need To Service A Camera Based On Detection of Blemishes in Digital Images, filed September 30, 2003, application serial number 10/676,820; (6) Method Of Detecting and Correcting Dust in Digital Images Based On Aura And Shadow Region Analysis, filed September 30, 2003, application serial number 10/676,845; (7) Digital Camera, filed September 30, 2003, application serial number 10/676,716; and (8) Digital Image Acquisition And Processing System, filed September 30, 2003, application serial number 10/676,835, which are all hereby incorporated by reference.

**REMARKS/ARGUMENTS**


In the Specification, the "CROSS-REFERENCE TO RELATED APPLICATIONS" paragraph has been amended with this Preliminary Amendment to show the application filing dates and application serial numbers.

The Commissioner is authorized to charge any deficiencies in fees and credit any overpayment of fees to Deposit Account No. 07-1896. A duplicate page is enclosed.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH, LLP

Dated: 6-24-04

By   
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